IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1.   (Currently Amended) A management system for generation of a management object model including a structured hierarchy of objects representing <u>hardware</u> components of a computer system for performing management of the computer system, the management system comprising:

a processor; and

a memory coupled to the processor, wherein the memory comprises program instructions configured to implement:

component modules operable to define mappings from instrumentation of the <u>hardware</u> components to objects representing those <u>hardware</u> components, and

configuration modules operable to configure associations between the component modules for the generation of the management object model.

2.   (Currently Amended) The management system of Claim 1, wherein said [[_]]component modules are operable to define mappings at respective different levels of abstraction.

3.   (Currently Amended) The management system of Claim 2, wherein [[a]] <u>one of</u> said component module<u>s</u> is operable to define a mapping for a single <u>hardware</u> component property at a first level of abstraction.

4.   (Currently Amended) The management system of Claim 2, wherein [[a]] <u>one of</u> said component module<u>s</u> is operable to define a mapping for a set of <u>hardware</u> component properties forming an object at a second level of abstraction.

5.   (Currently Amended) The management system of Claim 2, wherein [[a]] one of said component modules is operable to define a mapping for an assembly of associated objects at a third level of abstraction.

6.   (Currently Amended) The management system of Claim 1, wherein [[a]] one of said component modules for a hardware component defines a behavior of the object representing the hardware component.

7.   (Currently Amended) The management system of Claim 1, wherein [[a]] one of said configuration modules is operable to configure [[a]] one of said component modules dynamically at run time for [[a]] one of said hardware components that is subject to dynamic changes in status and is further operable to monitor said hardware component for a change in status.

8.   (Currently Amended) The management system of Claim 1, wherein [[a]] one of said configuration modules is operable to configure [[a]] one of said component modules statically at run time for [[a]] one of said hardware components having static properties for a given invocation of the computer system.

9.   (Currently Amended) The management system of Claim 1, wherein [[a]] one of said configuration modules is operable to configure [[a]] one of said component modules fixedly at run time for [[a]] one of said hardware components having fixed properties for any invocation of the computer system.

10.   (Original) The management system of Claim 1, comprising a library of component modules.

11.   (Currently Amended) The management system of Claim 1, wherein [[a]] one of said component modules comprises a plug-in module.

12. (Currently Amended) The management system of Claim 1, wherein [[a]] one of said component modules for a hardware component identifies an instrumentation module defining a source of instrumentation for the hardware component.

13. (Original) The management system of Claim 12, wherein the instrumentation module exports an object-based representation of the instrumentation data via an instrumentation interface.

14. (Original) The management system of Claim 13, wherein the instrumentation module comprises a general part and a specific part, the general part being operable to communicate with the specific part via a private interface to obtain instrumentation data, and the specific part being configured to interface with instrumentation for the hardware component to obtain said instrumentation data.

15. (Original) The management system of Claim 14, wherein the general part and the specific part are local to each other.

16. (Original) The management system of Claim 14, wherein the specific part is remote from the general part, the general part being operable to communicate with the remote part via a remote access mechanism.

17. (Currently Amended) The management system of Claim 12, further comprising a library of instrumentation modules.

18. (Currently Amended) The management system of Claim 12, wherein [[a]] one of said instrumentation modules comprises a plug-in module.

19. (Original) The management system of Claim 1, wherein the management system forms a management agent for remote management of a computer system.

20.   (Currently Amended) The management system of Claim 1, wherein one of said component modules for a hardware component identifies an instrumentation module defining a source of instrumentation for the hardware component, wherein the instrumentation module comprises a general part and a specific part, the general part being operable to communicate with the specific part via a private interface to obtain instrumentation data, and the specific part being configured to interface with instrumentation for the hardware component to obtain said instrumentation data. ~~A computer system comprising a management system for generation of a management object model including a structured hierarchy of objects representing components of the computer system for performing management of the computer system, the management system comprising:~~

~~a processor; and~~

~~a memory coupled to the processor, wherein the memory comprises program instructions configured to implement:~~

~~component modules operable to define mappings from instrumentation of the components to objects representing those components, and~~

~~configuration modules operable to configure associations between the component modules for the generation of the management object model.~~

21.   (Currently Amended) A method for generating a management object model including a structured hierarchy of objects representing hardware components of a computer system for performing management of the computer system, the method comprising:

component modules defining mappings from instrumentation of the hardware components to objects representing those hardware components, and

configuration modules configuring associations between the component modules for the generation of the management object model.

22.   (Original) The method of Claim 21, comprising component modules defining mappings at respective different levels of abstraction.

23.   (Currently Amended) The method of Claim 22, comprising [[a]] <u>one of</u> said component modules defining a mapping for a single <u>hardware</u> component property at a first level of abstraction.

24.   (Currently Amended) The method of Claim 22, comprising [[a]] <u>one of</u> said component modules defining a mapping for a set of <u>hardware</u> component properties forming an object at a second level of abstraction.

25.   (Currently Amended) The method of Claim 22, comprising [[a]] <u>one of</u> said component modules defining a mapping for an assembly of associated objects at a third level of abstraction.

26.   (Currently Amended) The method of Claim 21, comprising [[a]] <u>one of</u> said component modules for a <u>hardware</u> component defining a behavior of the object representing the <u>hardware</u> component.

27.   (Currently Amended) The method of Claim 21, comprising [[a]] <u>one of</u> said configuration modules configuring [[a]] <u>one of</u> said component modules dynamically at run time for [[a]] <u>one of</u> said <u>hardware</u> components that is subject to dynamic changes in status and monitoring said <u>hardware</u> component for a change in status.

28.   (Currently Amended) The method of Claim 21, comprising [[a]] <u>one of</u> said configuration module configuring [[a]] <u>one of</u> said component modules statically at run time for [[a]] <u>one of</u> said <u>hardware</u> components having static properties for a given invocation of the computer system.

29.   (Currently Amended) The method of Claim 21, comprising [[a]] <u>one of</u> said configuration modules configuring [[a]] <u>one of</u> said component modules fixedly at run time for [[a]] <u>one of</u> said <u>hardware</u> components having fixed properties for any invocation of the computer system.

30. (Currently Amended) The method of Claim 21, wherein [[a]] one of said component modules for a hardware component identifies an instrumentation module defining a source of instrumentation for the hardware component.

31. (Original) The method of Claim 30, comprising the instrumentation module exporting an object-based representation of the instrumentation data via an instrumentation interface.

32. (Currently Amended) The method of Claim 31, comprising a general part of the instrumentation module communicating with a specific part of the instrumentation module via a private interface to obtain instrumentation data, and the specific part interfacing with instrumentation for the hardware component to obtain said instrumentation data.

33. (Original) The method of Claim 32, wherein the general part and the specific part are local to each other.

34. (Original) The method of Claim 32, wherein the specific part is remote from the general part, the general part being operable to communicate with the remote part via a remote access mechanism.

35. (Currently Amended) A computer readable storage medium comprising a computer program for generation of a management object model including a structured hierarchy of objects representing hardware components of a computer system for performing management of the computer system, the computer program including computer-executable instructions, which, when loaded onto the computer system comprising a processor and a memory, provide component modules operable to:

define mappings from instrumentation of the hardware components to objects representing those hardware components, and

wherein the computer-executable instructions further provide configuration modules operable to configure associations between the component modules for the generation of the management object model.

36.   (New) The computer readable storage medium of Claim 35, wherein one of said component modules for a hardware component identifies an instrumentation module defining a source of instrumentation for the hardware component.

37.   (New) The computer readable storage medium of Claim 36, wherein the instrumentation module comprises a general part and a specific part, the general part being operable to communicate with the specific part via a private interface to obtain instrumentation data, and the specific part being configured to interface with instrumentation for the hardware component to obtain said instrumentation data.